

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117951.D
 Acq On : 23 Nov 2019 12:53
 Operator : JU
 Sample : K5925-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:49:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

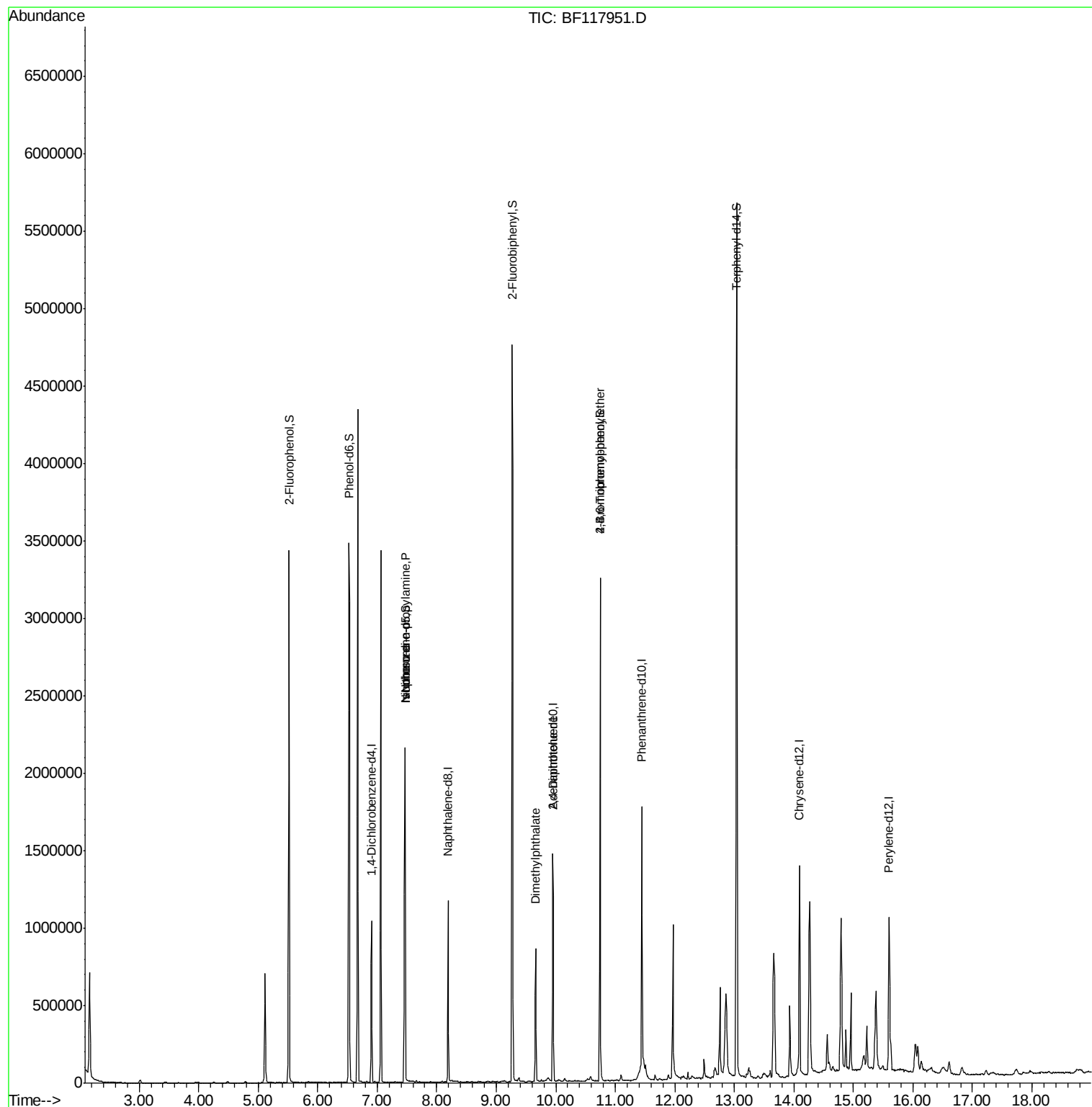
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144253	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	543316	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	297410	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	588502	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	459979	20.00	ng	-0.02
87) Perylene-d12	15.60	264	496088	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1067622	131.01	ng	-0.01
7) Phenol-d6	6.53	99	1390264	141.44	ng	-0.02
23) Nitrobenzene-d5	7.47	82	761706	83.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	402895	127.96	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1558453	94.01	ng	-0.02
79) Terphenyl-d14	13.04	244	1970481	78.29	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.53	77	2300	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.46	70	104463	17.227 ng	#	75
25) Isophorone	7.47	82	755493	45.100 ng	#	62
50) Dimethylphthalate	9.66	163	326435	15.652 ng		98
57) 2,4-Dinitrotoluene	9.95	165	37688	6.500 ng	#	25
67) 4-Bromophenyl-phenylether	10.75	248	25092	3.952 ng	#	1
75) Fluoranthene	12.89	202	1597	Below Cal		66

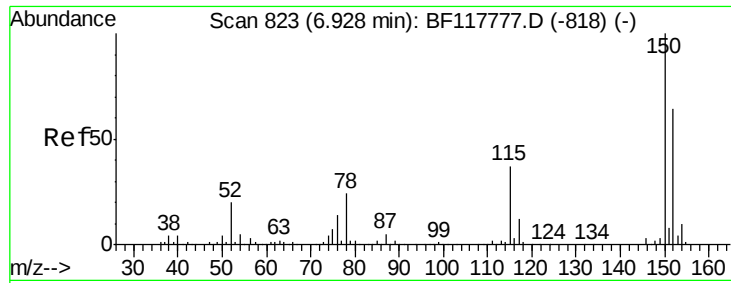
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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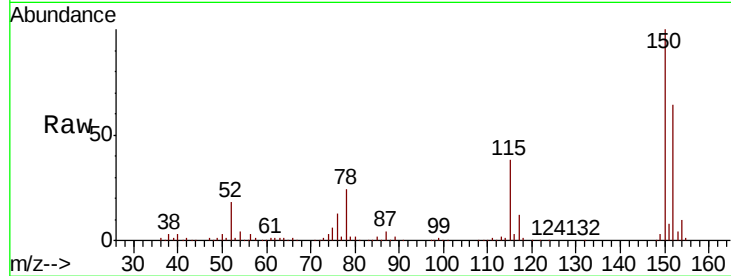


#1

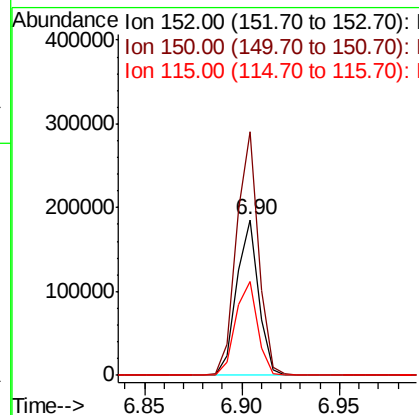
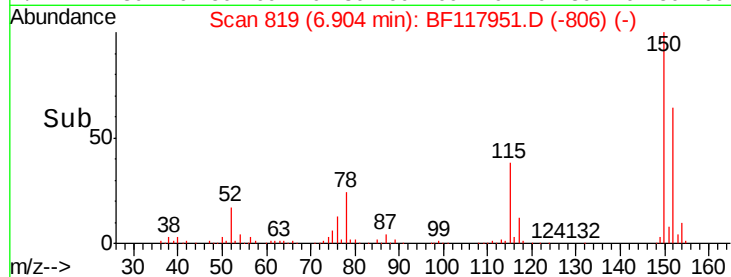
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144253
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 60.1 47.0 70.4



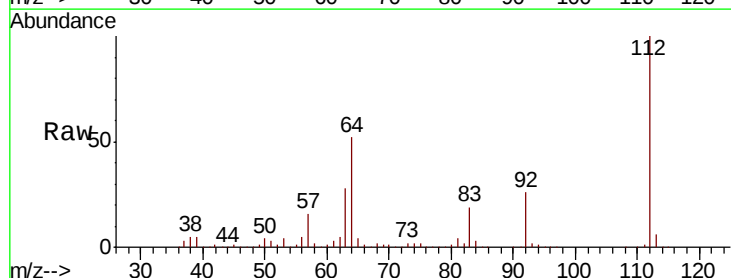
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



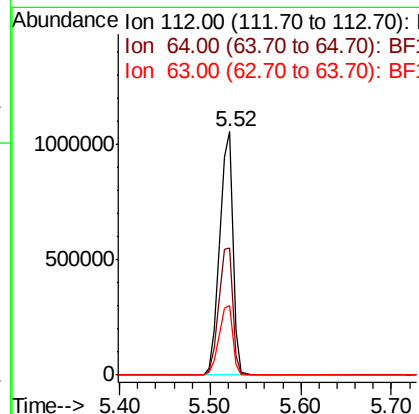
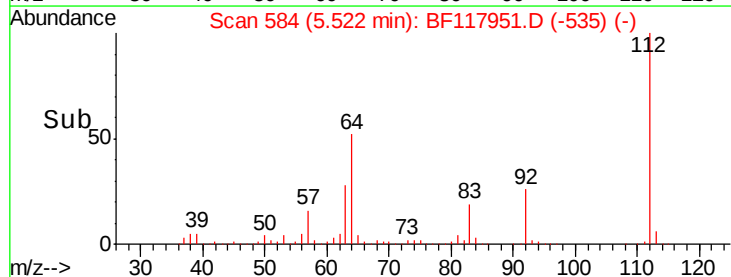
#5

2-Fluorophenol
Concen: 131.006 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Tgt Ion:112 Resp: 1067622
Ion Ratio Lower Upper
112 100
64 52.3 45.6 68.4
63 28.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 141.438 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117951.D

Acq: 23 Nov 2019 12:53

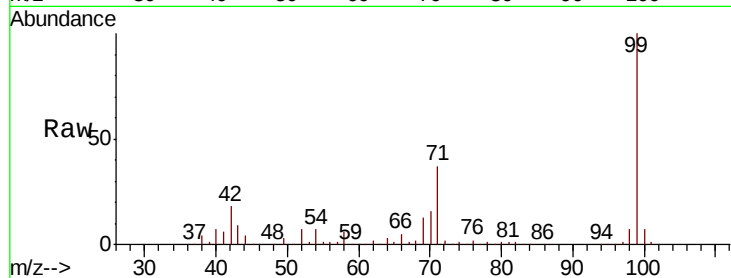
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1390264

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	36.8	28.6	43.0

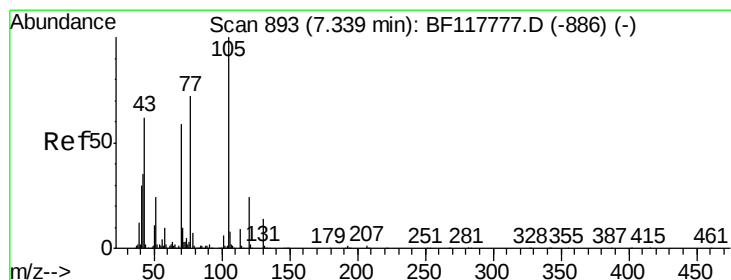
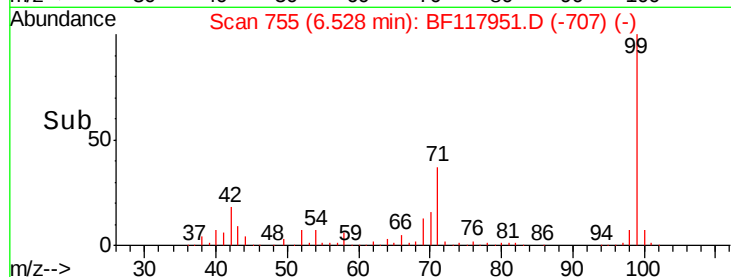
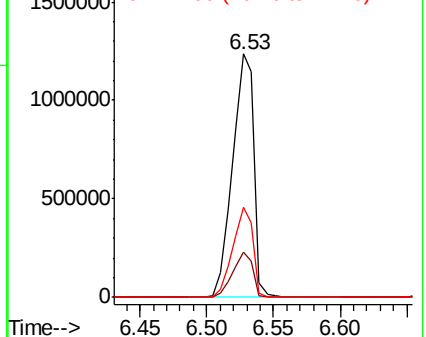


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.227 ng

RT: 7.46 min Scan# 914

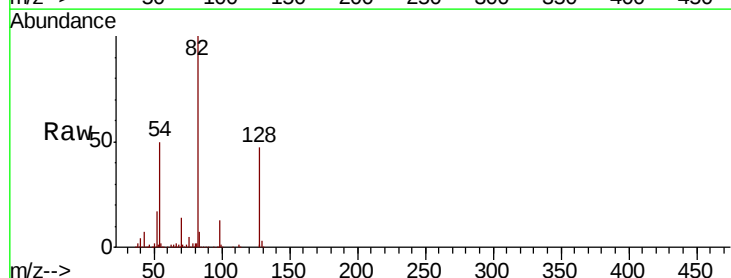
Delta R.T. 0.12 min

Lab File: BF117951.D

Acq: 23 Nov 2019 12:53

Tgt Ion: 70 Resp: 104463

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.4	71.2#
101	0.0	8.4	12.6#
130	2.1	18.8	28.2#



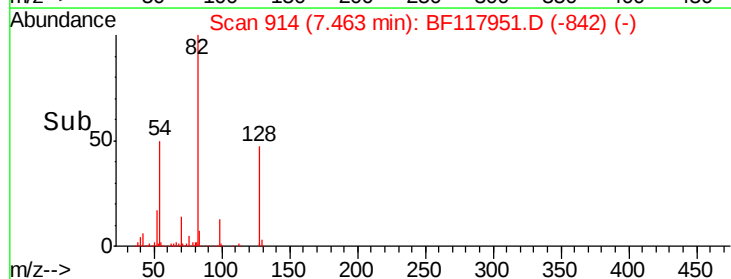
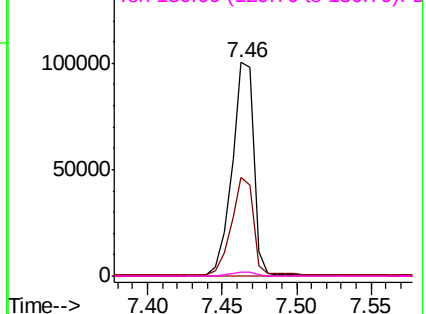
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

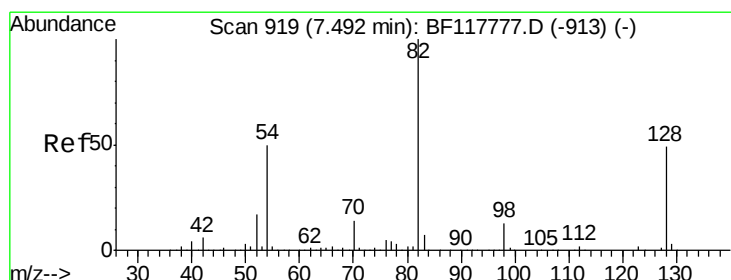
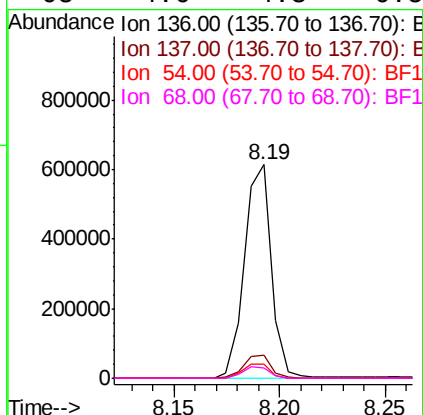
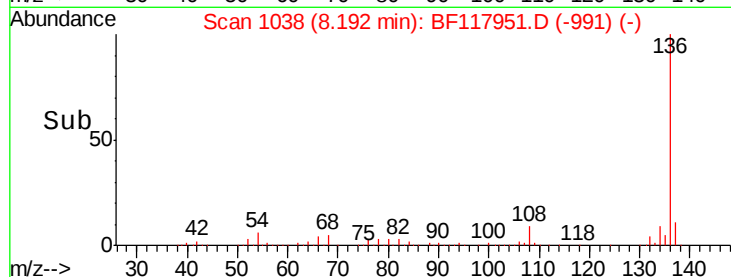
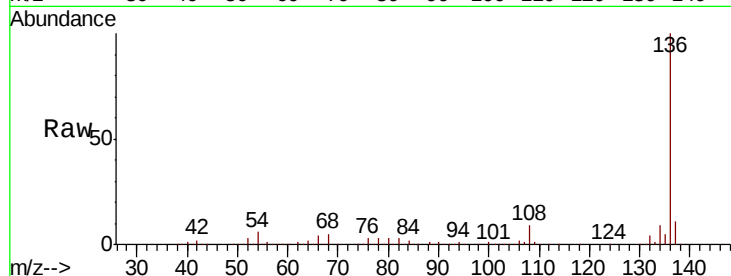




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

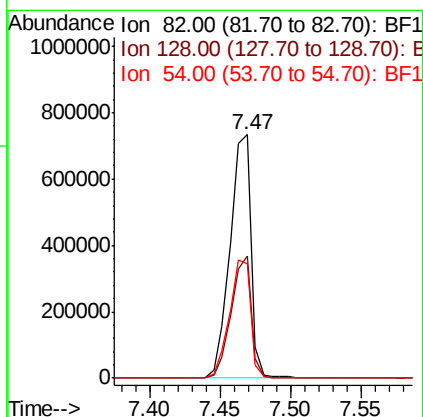
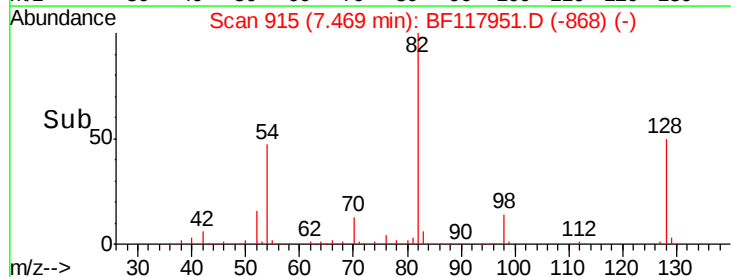
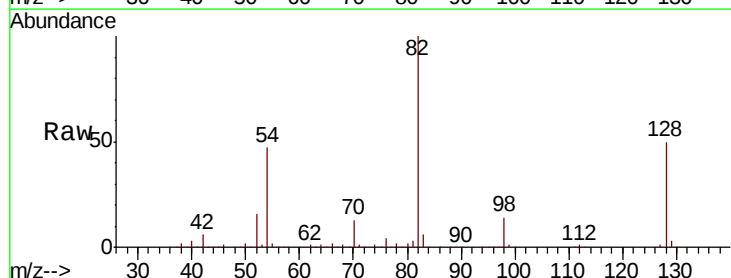
Instrument :
BNA_F
ClientSampleId :

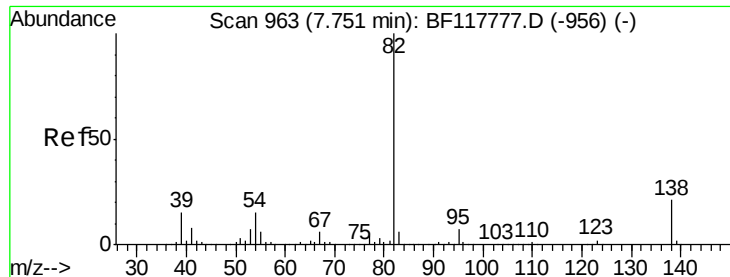
Tot Ion:136	Resp:	543316
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.4
54	6.3	5.4 8.2
68	4.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 83.341 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Tgt Ion: 82	Resp:	761706
Ion Ratio	Lower	Upper
82	100	
128	50.2	38.9 58.3
54	46.8	39.8 59.6

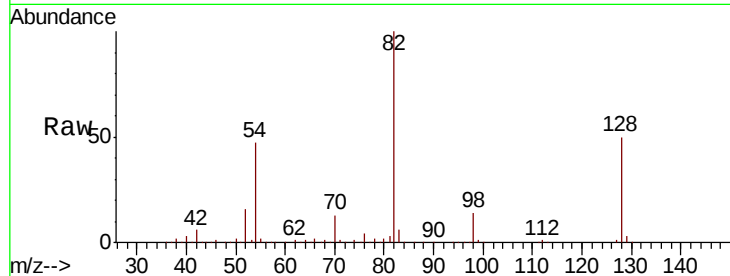




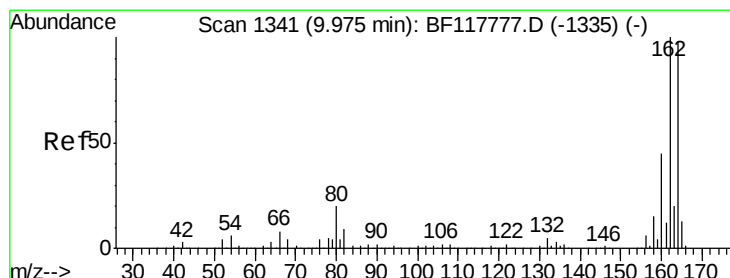
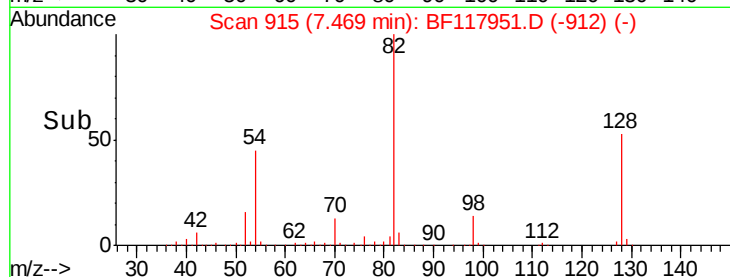
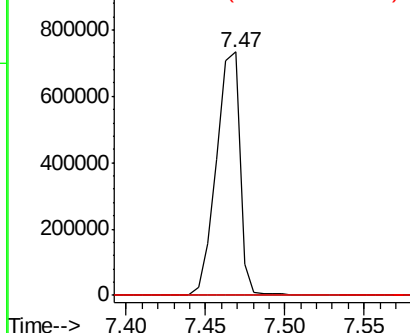
#25
Isophorone
Concen: 45.100 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 755493
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#

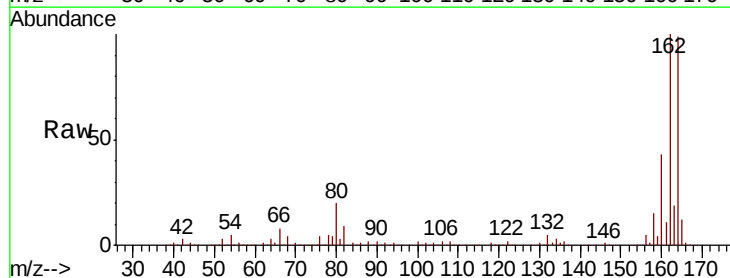


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

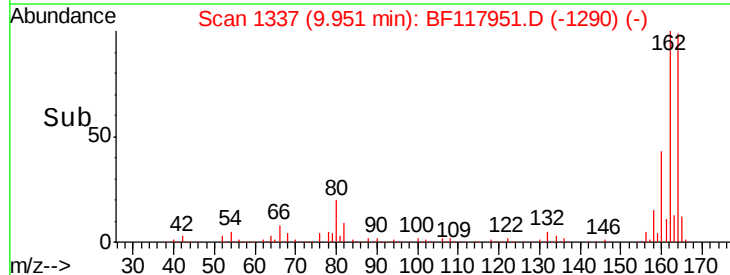
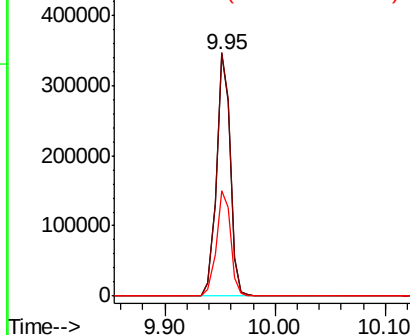


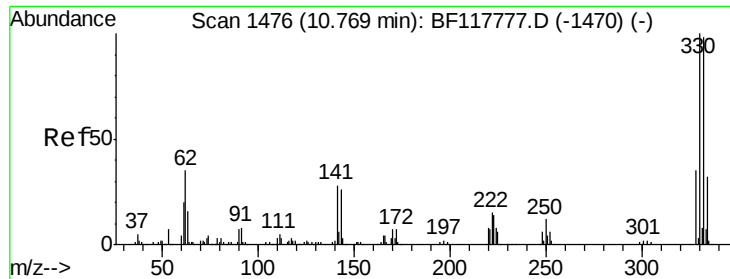
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Tgt Ion: 164 Resp: 297410
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 43.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

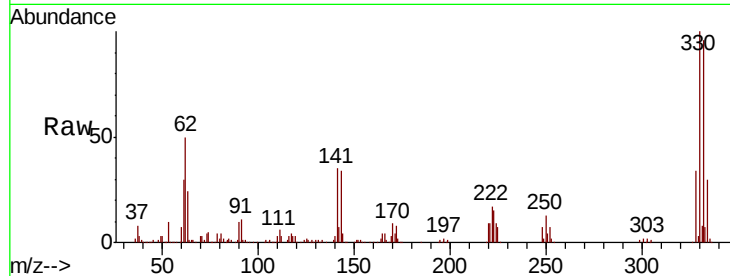




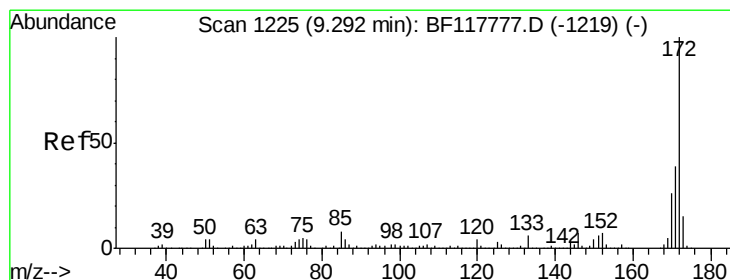
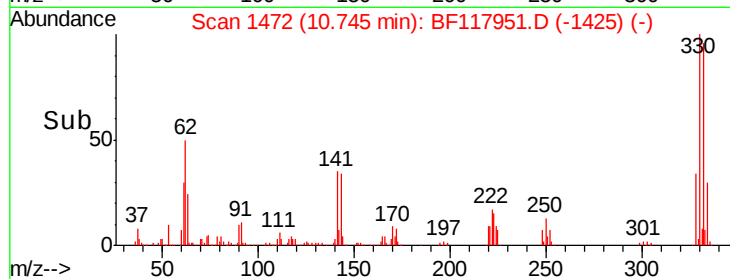
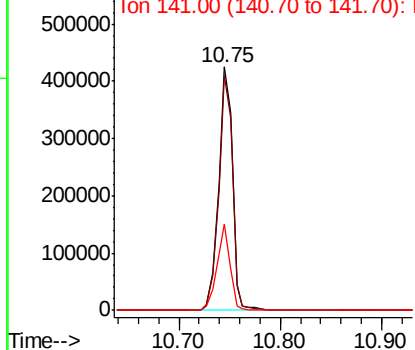
#42
 2,4,6-Tribromophenol
 Concen: 127.958 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117951.D
 Acq: 23 Nov 2019 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	33.4	27.7	41.5

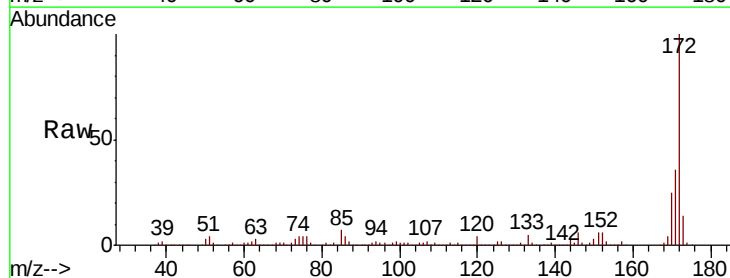


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

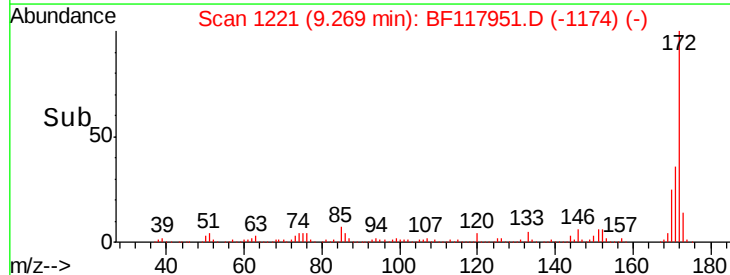
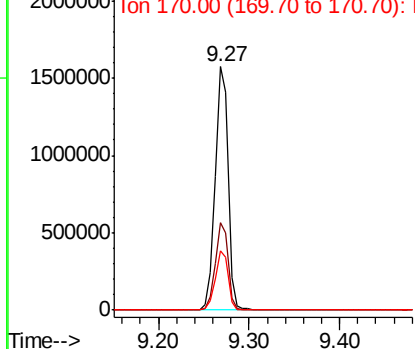


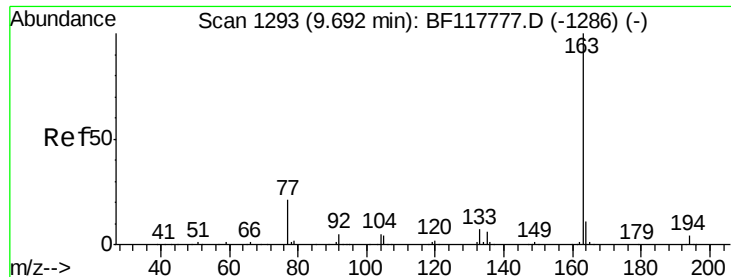
#45
 2-Fluorobiphenyl
 Concen: 94.009 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF117951.D
 Acq: 23 Nov 2019 12:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.9	46.3
170	24.5	21.0	31.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

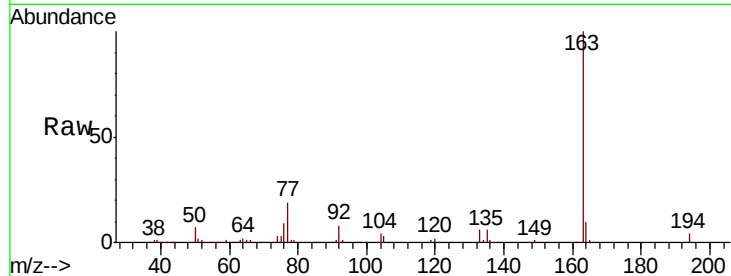




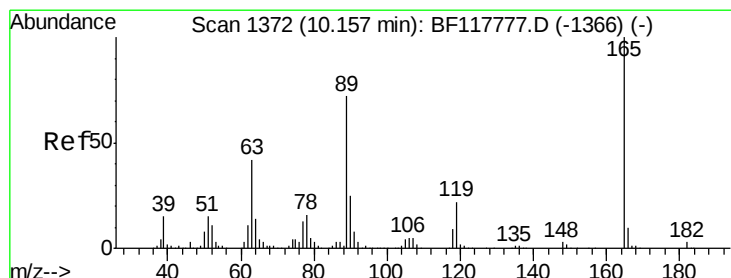
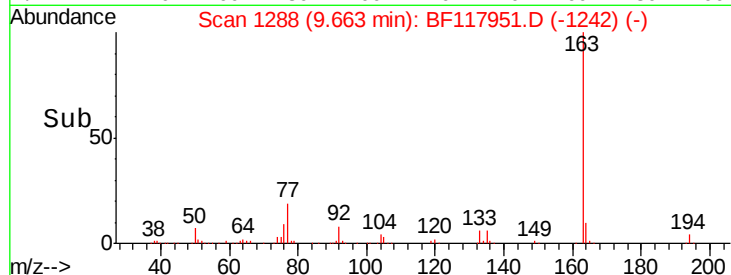
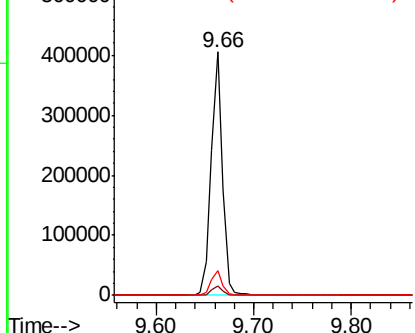
#50
Dimethylphthalate
Concen: 15.652 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 326435
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.7 13.1

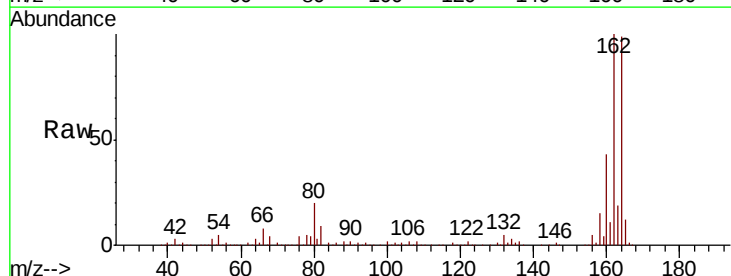


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

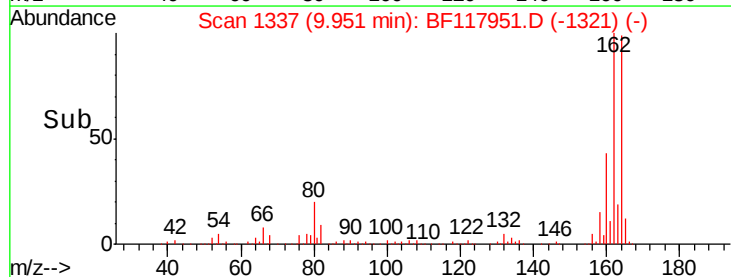
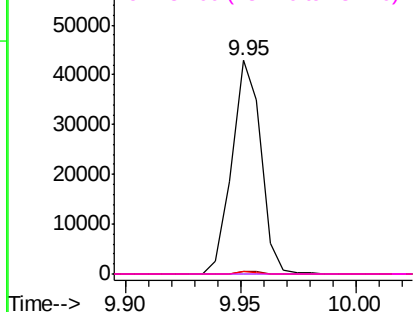


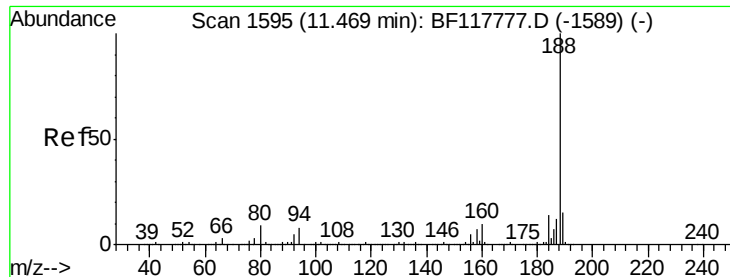
#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Tgt Ion:165 Resp: 37688
Ion Ratio Lower Upper
165 100
63 1.2 33.7 50.5#
89 1.4 57.3 85.9#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117951.D

Acq: 23 Nov 2019 12:53

Instrument :

BNA_F

ClientSampleId :

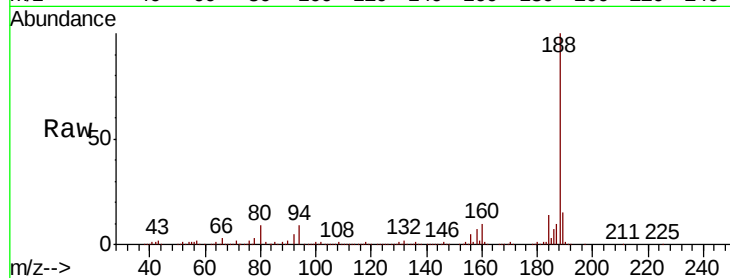
Tot Ion:188 Resp: 588502

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

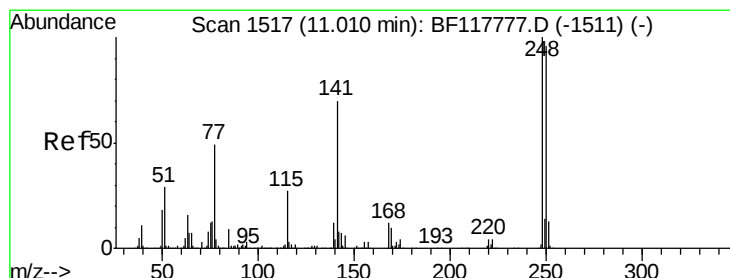
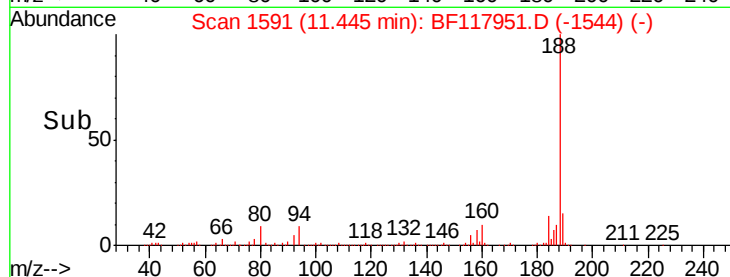
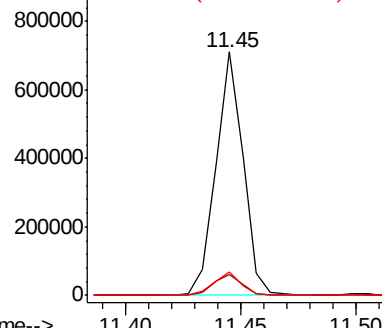
80 9.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 3.952 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.26 min

Lab File: BF117951.D

Acq: 23 Nov 2019 12:53

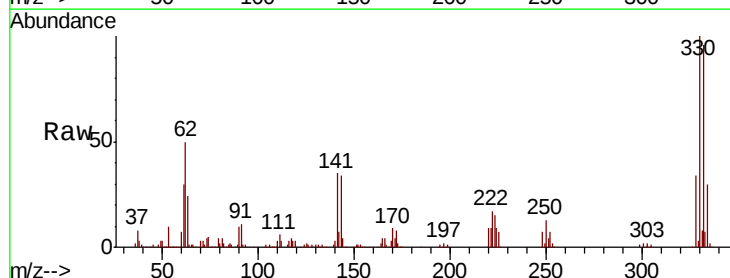
Tgt Ion:248 Resp: 25092

Ion Ratio Lower Upper

248 100

250 203.2 76.6 115.0#

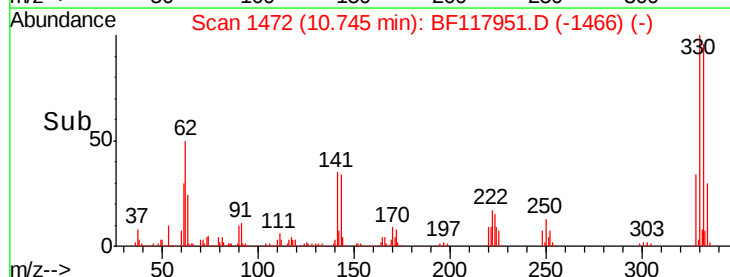
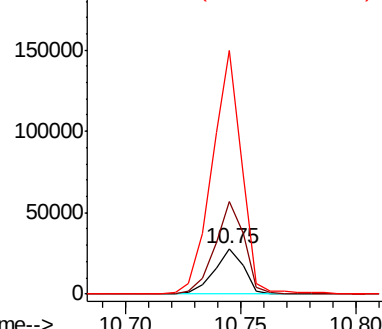
141 534.1 55.9 83.9#

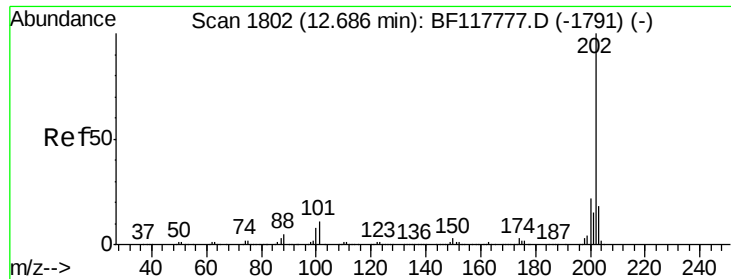


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

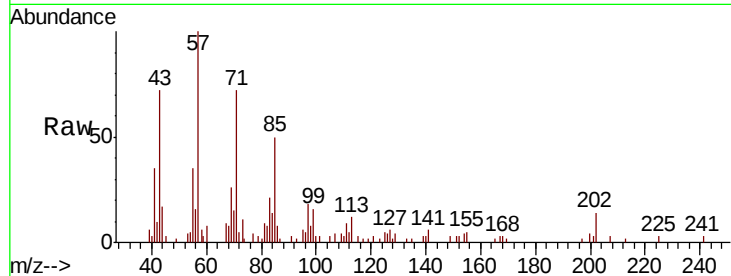




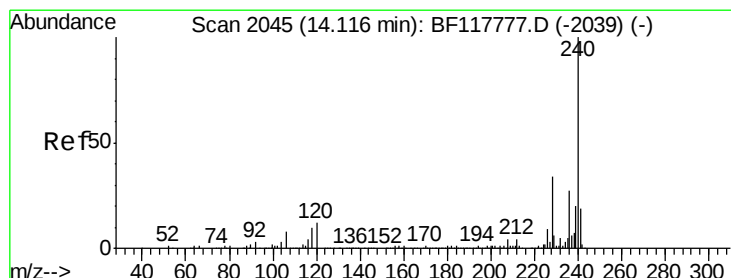
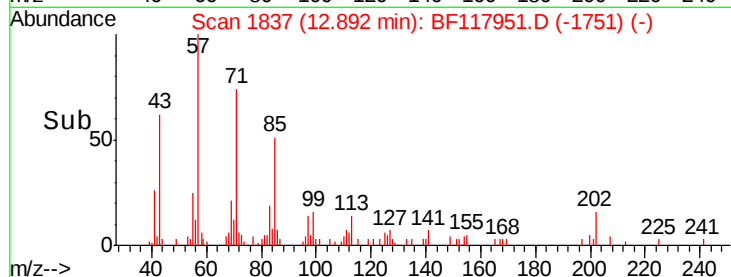
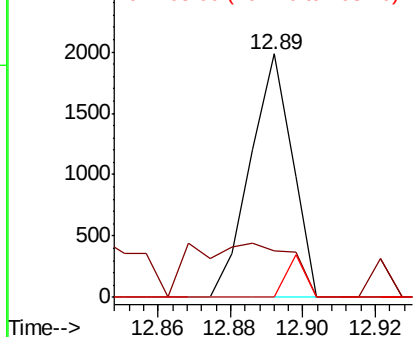
#75
Fluoranthene
Concen: Below Cal
RT: 12.89 min Scan# 1837
Delta R.T. 0.21 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	19.3	0.0	31.1
203	0.0	0.0	38.2

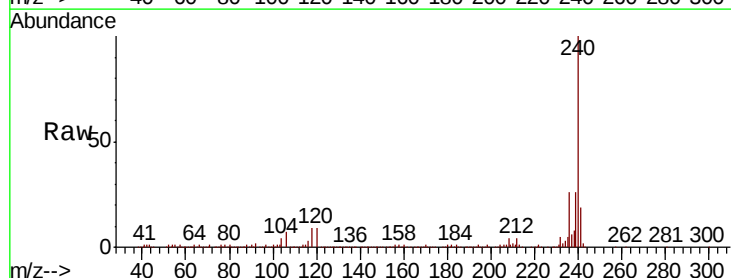


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

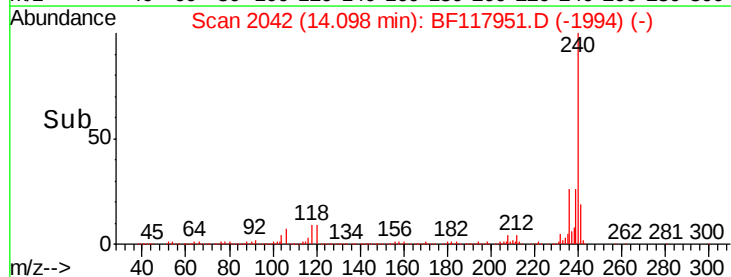
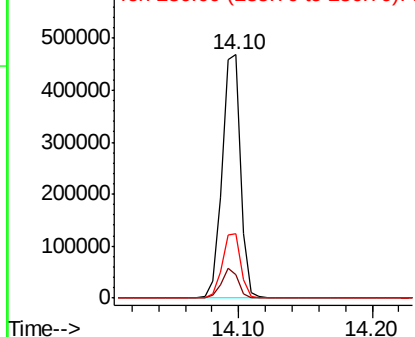


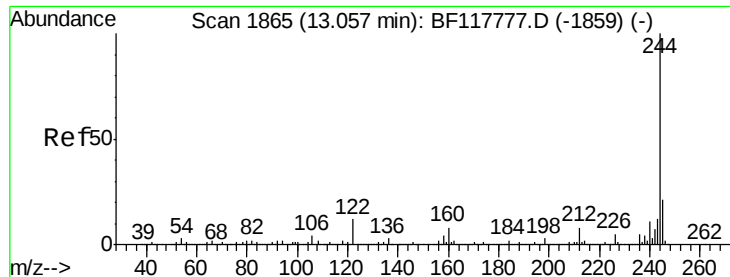
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF117951.D
Acq: 23 Nov 2019 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.3	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.292 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117951.D

Acq: 23 Nov 2019 12:53

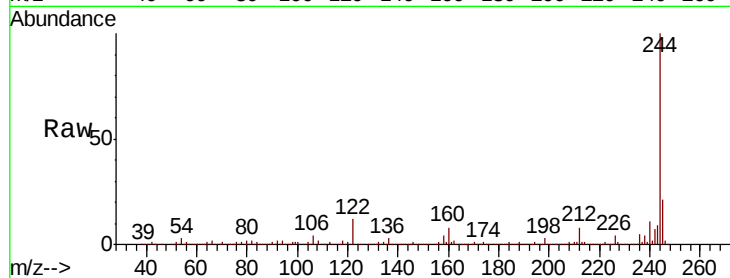
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1970481

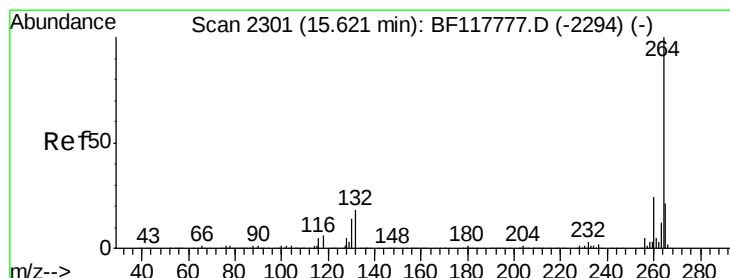
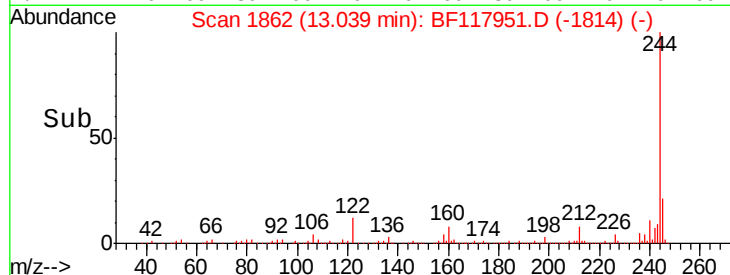
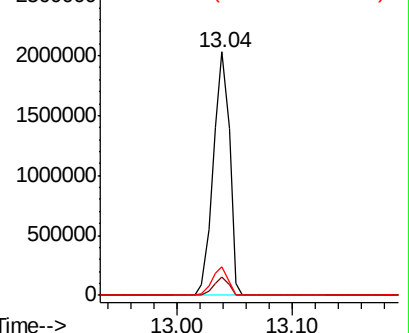
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.6	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

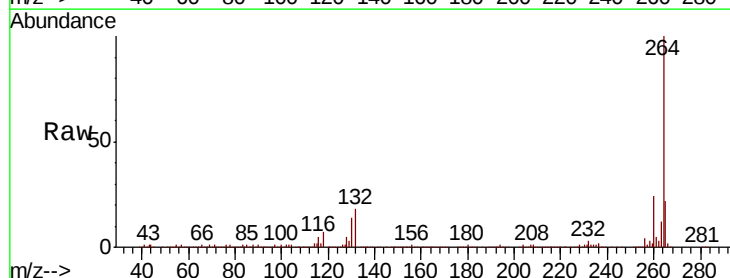
Delta R.T. -0.02 min

Lab File: BF117951.D

Acq: 23 Nov 2019 12:53

Tgt Ion:264 Resp: 496088

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.5	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

